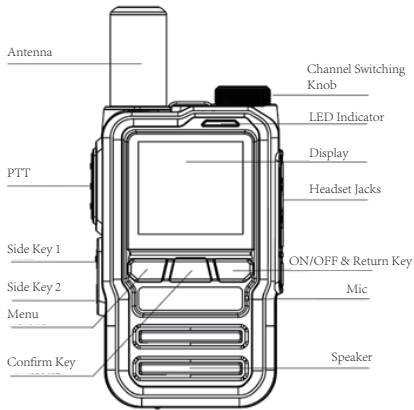


4G LTE POC RADIO



National intercom, featuring single-call, group-call capabilities, and a color LCD Display.

R420 is a 4G LTE POC RADIO,the main functions include Single Call, Group Call, Friend Groups, Group Auto-update, Late Follow-up, PTT Call Request / PTT Call Preemption / PTT Call Alert Tone etc.. Besides, it can give voice announcements to notify users. It also has a color display screen for simple and clear operation.

BASIC FUNCTION

1. Power ON and OFF

Long press the [ON/OFF] Key 3 seconds to turn on or turn off the power.

2. Channel Switching Knob

A: After power on, turn the [Channel Switching] knob to select groups.

B: Press [Menu] key to access, turn the [Channel Switching] knob to select.

3. PTT Key

A: After power on (LED indicator flashes in green slowly), Press [PTT] key to start a call (LED indicator light is red)

B: When receiving a call (LED indicator light is green), press [PTT] key to reply the call (the indicator light is red), release [PTT] key to answer, and get back to standby mode (LED indicator flashes in green slowly).

4. Side Key 1

A: Short press [Side Key 1] to turn the volume up.

B: Long press [Side Key 1] to quick select group.

5. Side Key 2

A: Short press [Side Key 1] to turn the volume down.

B: Long press [Side Key 2] once to quick select user to start a single call.

6. Group Switching Knob

Turn [Group Switching] Knob to select groups or select groups from the menu.

5. Side Key 2

A: Short press [Side Key 1] to turn the volume down.

B: Long press [Side Key 2] once to quick select user to start a single call.

6. Group Switching Knob

Turn [Group Switching] Knob to select groups or select groups from the menu.

7. Menu

A: Long press [Menu] key to unlock the keypad, long press it again to lock the keypad.

B: Short press [Menu] key to access, press [Side Key 1] [Side Key 2] keys to select.

a. Group Selection

b. Member Selection

c. Settings: Dual Sim Card Management, Power Saving, Auto Screen, Tone Setting, Key Tone, Key Lock, Single Call Exit Time, Zone, System Upgrade.

d. About: Account, User Name, Current Group, ICCID, IMEI, Radio Version, System Version, Firmware Version.

Indicator Lights:

Radio Status	Indicator Light
Searching	Green
Standby	Flashes in Green Slowly
Transmitting	Red
Receiving	Green

BASIC OPERATION

1. Install Sim Card

Place available SIM into the radio.

2. User Guide

A. Power ON/OFF

Turn the [Power Switch / Volume Control] Knob clockwise to log in, the LED indicator light flashes in green slowly.

B. Adjust Volume

Turn the [Power Switch / Volume Control] Knob clockwise to increase the volume, and turn counterclockwise to reduce the volume.

C. Select Group (Group Call)

Press [Menu] key to access, press [Side Key 1] [Side Key 2] keys to select group, press [PTT] key to start a group call, the LED indicator lights in red, PTT call alert tone will be heard, Device Speaking will be displayed.

Press [Return] key to exit the current group call.

D. Select Member (Single Call)

Press [Menu] key to access, press [Side Key 1] [Side Key 2] keys to select member, press [PTT] key to start a single call, the LED indicator lights in red, PTT call alert tone will be heard, Device Speaking will be displayed.

Press [Return] key to exit the current group call.

TROUBLESHOOTING GUIDE

Phenomena	Analysis and Solution
You cannot turn on the radio	Low Battery: Replace the battery or re-charge. SIM Card: Re-check or replace the SIM card. Poor Contact: Clearing the contact or replace a new battery.
Short stand-by time	Weak Signal: Remove to get better signal. Battery Flat : Replace battery.
Fail to charge	Poor Contact: Recheck the contacts, replace charging cable. Low Battery Voltage: You don’ t see it’ s charging, you can first charge for 30mins, unplug it and recharge. Damage Battery: Replace battery. Damage Charger: Replace or repair charger.
Fail to connect network	Too Weak Signal: Remove to open area and retry. Not in Service: Make sure the network coverage is available.

Note:

If the above solution cannot fix your problems, or you may have some other queries, please contact your dealer for more technical supports.

TECHNICAL SPECIFICATION

Battery Voltage	3.7V
Battery Capacity	High Capacity
Frequency Band	B2/4/5/7/12/13/17/38/41/66
Weight (Radio +Battery+Antenna)	172g
Working Temperature	-10--+55 ° C
Storage Temperature	-20--+75 ° C
Accessories	Adapter/ Type USB-C Cable / Belt Clip / Screws / Lanyard / Instruction Manual

NOTE: All specification may be modified without prior notice or liability. Thank you.

WARRANTY CARD

Date	Description	Maintenance Items	Maintenance Personne	Remarks

Instructions

Thank you for purchasing this product, we will do our best to provide you with stable, clear and efficient wireless communication services. In order for you to enjoy our warranty service, please pay attention to the following information!

The warranty period of this product starts to calculate from the date of purchase, and any malfunction produced by using this product under normal condition during the warranty period can enjoy the warranty service at the designated authorized repair station according to the contents of this warranty (12 months warranty for the main unit, and 6 months free warranty service for the batteries and charger) by presenting the original of this warranty card and the invoice of the purchase of the unit. During the warranty period, the following situations will be implemented paid maintenance services:

- 1.The warranty card and purchase invoice cannot be presented;**
- 2.The warranty card has traces of alteration or does not match the product;**
- 3.Defects or damages caused by misuse, water ingress, or negligence;**
- 4.Defects or damages caused by unauthorized maintenance, disassembly, etc;**
- 5.Defects or damages caused by force majeure;**
- 6.Wear and tear under normal use;**
- 7.Defects or damages caused by the use of the product under abnormal or non-routine conditions;**
- 8.Defects or damages caused by incorrect testing, operation, maintenance, installation, modification or adjustment, etc.; when you need to repair, please send the walkie-talkie together with the warranty card and purchase invoice by post or to the designated authorized repair station, and the transportation cost shall be borne by the user.**

Thank you for your long-term trust and support of our products, thank you!

FCC Statement:

Any Changes or modifications not expressly approved by the party Responsible for compliance could void the user’s authority to operate the equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received,

including interference that may cause undesired operation. SAR tests are conducted using standard operating positions accepted by FCC with the device transmitting at its highest certified power level in all tested frequency bands although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new model is a available for sale to the public, it must be tested and certified to the FCC that is does not exceed the exposure limit established by the FCC. Tests for each product are performed in positions and locations as required by the FCC. For body worn operation, this device has been tested and meets the FCC RF exposure guidelines when used with and accessory designated for this product or when used with and accessory that contains no metal. To maintain compliance with FCC RF exposure guidelines hold the transmitter and antenna at least 1 inch (2.5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away from the face.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.